

Title (en)

HEATED CALANDER ROLLER COMPRISING A STATIONARY CORE AND A CLEARANCE INTERMEDIATE SAID ROLLER AND SAID CORE

Publication

**EP 0188238 B1 19891011 (DE)**

Application

**EP 86100250 A 19860110**

Priority

DE 8500950 U 19850116

Abstract (en)

[origin: US4683628A] A calender roller includes a hollow cylindrical roller body which is traversed by a stationary shaft whose outer diameter is smaller than the inner width of the roller body so that a gap is defined therebetween. The opposing end portions of the shaft are provided with rolling bearings to support the roller body and accommodate the channel system for connecting the gap with an inlet and outlet for a thermal transmitting fluid. Provided between the lateral end faces of the gap and the bearings are sealing and fitting members which are movable in axial direction to control the length of the heating zone along the roller body.

IPC 1-7

**D21G 1/02**; **F16C 13/00**

IPC 8 full level

**D21G 1/02** (2006.01); **F16C 13/00** (2006.01)

CPC (source: EP US)

**D21G 1/022** (2013.01 - EP US); **F16C 13/026** (2013.01 - EP US); **F28F 5/02** (2013.01 - EP US)

Cited by

EP0374381A3; EP0328503A3

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 0188238 A2 19860723**; **EP 0188238 A3 19870121**; **EP 0188238 B1 19891011**; **EP 0188238 B2 19940330**; DE 3666239 D1 19891116; DE 8500950 U1 19850418; US 4683628 A 19870804

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**EP 86100250 A 19860110**; DE 3666239 T 19860110; DE 8500950 U 19850116; US 81917286 A 19860115